

L Number	Hits	Search Text	DB	Time stamp
1	35	(bulky same (non-woven or nonwoven)) and (hollow) and (staple) and filament	USPAT	2004/06/20 10:59
2	27	(bulky same (non-woven or nonwoven)) and (hollow) and (staple) and filament and (diaper or napkin)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/20 11:03
3	81	((non-woven or nonwoven)) and (hollow) and (staple) and filament and (diaper or napkin) and (polyethylene near4 terephthalate)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/20 11:04
4	4	((non-woven or nonwoven)) and (hollow).ab. and (staple) and filament and (diaper or napkin) and (polyethylene near4 terephthalate)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/20 11:11
5	10	((non-woven or nonwoven)) and (hollow) and (staple) and filament and (diaper or napkin).ab. and (polyethylene near4 terephthalate)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/20 11:14
6	34	((non-woven or nonwoven)) and (hollow) and (staple) and filament and (diaper or napkin).ab.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/20 11:14
7	8	((non-woven or nonwoven)) and (hollow) and (staple same filament) and (diaper or napkin).ab.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/20 11:59
8	795	((non-woven or nonwoven)) and (hollow) and (staple same (length or denier or inch or milimeter or centimeter))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/20 12:02
9	136	((non-woven or nonwoven)) and (hollow same staple same (length or denier or inch or milimeter or centimeter))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/20 12:02
10	52	((non-woven or nonwoven)) and (hollow same staple same (length or inch or milimeter or centimeter) same (denier or tex or dtex or decitex))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/20 12:13
11	55	((non-woven or nonwoven)) and (hollow same staple same (length or inch or milimeter or centimeter or "cm" or "mm" or micron or micrometer) same (denier or tex or dtex or decitex))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/20 12:21
12	91	(hollow same staple same (length or inch or milimeter or centimeter or "cm" or "mm" or micron or micrometer) same (denier or tex or dtex or decitex))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/20 12:27
13	5	(hollow same staple same (micron or micrometer) same (denier or tex or dtex or decitex))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/20 12:29

14	11	(hollow near6 fiber) and (staple same (micron or micrometer) same (denier or tex or dtex or decitex))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/20 12:34
15	169	(hollow near6 fiber) and (staple same (length) same (denier or tex or dtex or decitex))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/20 12:34
16	136	(hollow near6 fiber) and (staple same (length) same (denier or tex or dtex or decitex)) and (non-woven or nonwoven or web or mat)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/20 12:38
17	72	(hollow same staple same length).ab.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/20 12:39
18	6	(hollow same staple same length).ab. and (denier or tex or dtex or decitex) and (non-woven or nonwoven or web or mat or webbing)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/20 12:43
19	10	(hollow same staple same length).ab. and (denier or tex or dtex or decitex)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/20 12:44
20	33	(staple same length).ab. and (denier or tex or dtex or decitex) and (hollow)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/20 12:44
21	22	(staple same length).ab. and (denier or tex or dtex or decitex) and (hollow) and (polyester or (polyethylene near3 terephthalate))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/20 12:44
-	10	US-0636899-\$ DID. OR US-5607766-\$ DID. OR US-5176833-\$ DID. OR US-5133864-\$ DID. OR US-5021280-\$ DID. OR US-4853266-\$ DID. OR US-4403446-\$ DID. OR US-4361617-\$ DID. OR US-4233345-\$ DID. OR US-3329553-\$ DID.	USPAT	2004/06/20 10:54
-	5	(US-0636899-\$ DID. OR US-5607766-\$ DID. OR US-5176833-\$ DID. OR US-5133864-\$ DID. OR US-5021280-\$ DID. OR US-4853266-\$ DID. OR US-4403446-\$ DID. OR US-4361617-\$ DID. OR US-4233345-\$ DID. OR US-3329553-\$ DID.) and hollow\$5	USPAT	2004/05/19 14:41
-	136	"6368990" "5607766" "5176833" "5133864" "5021280" "4853266" "4403446" "4361617" "4233345" "3329553"	USPAT; US-PGPUB	2004/05/19 14:40
-	29	("6368990" "5607766" "5176833" "5133864" "5021280" "4853266" "4403446" "4361617" "4233345" "3329553") and (hollow\$5) and (short or staple or cut) and (polyethylene terephthalate)	USPAT	2004/05/19 14:41
-	16	("6368990" "5607766" "5176833" "5133864" "5021280" "4853266" "4403446" "4361617" "4233345" "3329553") and (hollow\$5) and (short or staple or cut) and (polyethylene near3 terephthalate)	USPAT	2004/05/19 14:41

-	25	("6368990" "5607766" "5176833" "5133864" "5021280" "4853266" "4403446" "4361617" "4233345" "3329553") and (hollow\$5) and (short or staple or cut) and (polyethylene near3 terephthalate) ("6368990" "5607766" "5176833" "5133864" "5021280" "4853266" "4403446" "4361617" "4233345" "3329553") and (hollow\$5) and (short or staple or cut) and (polyethylene near3 terephthalate) and (non-woven or nonwoven)	USPAT; US-PGPUB	2004/05/19 14:49
-	24	"4391872"	USPAT; US-PGPUB	2004/05/19 14:50
-	13	"4391872"	USPAT; US-PGPUB	2004/05/19 14:51
-	7	"4391872" and (hollow\$5) and (staple or short or cut)	USPAT; US-PGPUB	2004/05/19 14:59
-	92	((hollow\$5) near6 (polyester or (polyethylene near3 terephthalate))) and (staple) and (non-woven or nonwoven) and (length)	USPAT; US-PGPUB	2004/05/19 15:00
-	92	((hollow\$5) near6 (polyester or (polyethylene near3 terephthalate))) and (staple) and (non-woven or nonwoven) and (length)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/19 15:19
-	16	((hollow\$5) near6 (polyester or (polyethylene near3 terephthalate))) and (non-woven or nonwoven) and (length same staple same (inch\$5 or centimeter\$5 or meter\$5))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/19 15:30
-	49	((hollow\$5) near6 (polyester or (polyethylene near3 terephthalate))) and (non-woven or nonwoven) and (length same staple)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/19 15:30
-	11	((hollow\$5) near6 ((polyethylene near3 terephthalate))) and (non-woven or nonwoven) and (length same staple)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/19 15:36
-	65	"3772137"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/19 15:53
-	20	"3772137" and hollow and (PET or (polyethylene near4 terephthalate))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/19 15:38
-	18	"3772137" and hollow and (PET or (polyethylene near4 terephthalate)) and (cross-section\$5 or (cross near4 section\$5))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/19 15:38
-	7	"4933084"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/20 08:55
-	57	hollofil	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/20 09:10

-	33	"5104725" and denier	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/20 09:14
-	1	"4336307" and meniscus	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/20 09:15
-	5	"4336307" and inch	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/20 09:15
-	8	"4336307" and cm	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/20 09:21
-	7489	(absorb\$5) and (hollow near6 (fiber or filament or yarn))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/20 09:22
-	6	(absorb\$5).ab. and (hollow near6 (fiber or filament or yarn)) and (PET or (polyethylene near6 terephthalate)) and (asymmetric)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/20 09:22
-	100	(absorb\$5) and (hollow near6 (fiber or filament or yarn)) and (PET or (polyethylene near6 terephthalate)) and (asymmetric)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/20 09:25
-	4	(absorb\$5) and (hollow near6 (fiber or filament or yarn)) and (PET or (polyethylene near6 terephthalate)) and ((asymmetric) near6 (hole or channel or hollow))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/20 09:26
-	2	(absorb\$5) and (hollow near6 (fiber or filament or yarn)) and (PET or (polyethylene near6 terephthalate)) and ((off-center or offcenter) near6 (hole or channel or hollow))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/20 09:27
-	8	(absorb\$5) and (hollow near6 (fiber or filament or yarn)) and (PET or (polyethylene near6 terephthalate)) and ((off-center or offcenter or eccentric\$5) near6 (hole or channel or hollow))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/20 09:45
-	53	(absorb\$5) and (hollow) and (PET or (polyethylene near6 terephthalate)) and ((off-center or offcenter or eccentric\$5) near6 (hole or channel or hollow))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/20 09:41
-	12	tamiya same shigeru	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/20 09:42
-	16	(FUKAMI same KIMIO) or (TAGATA same HIDEAKI)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/20 09:43

-	15	(absorb\$5) and (hollow near6 (fiber or filament or yarn)) and (PET or (polyethylene near6 terephthalate) or polyester) and ((eccentric\$5) near6 (hole or channel or hollow))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/20 09:49
-	44	(absorb\$5) and (hollow near6 (fiber or filament or yarn)) and (PET or (polyethylene near6 terephthalate)) and (eccentric\$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/20 09:50
-	29	(absorb\$5) and (hollow near6 (fiber or filament or yarn)) and (PET or (polyethylene near6 terephthalate)) and (eccentric\$5) and (denier or dtex or decitex) and (length or staple or short or cut)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/20 09:53
-	22	(absorb\$5) and (hollow near6 (fiber or filament or yarn)) and (PET or (polyethylene near6 terephthalate)) and (eccentric\$5) and staple	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/20 10:35
-	24	(absorb\$5 or hydrophilic) and (hollow near6 (fiber or filament or yarn)) and (PET or (polyethylene near6 terephthalate)) and (eccentric\$5) and staple	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/20 10:40
-	23	((442/338).CCLS.) and staple	USPAT	2004/05/20 10:41
-	30	((442/338).CCLS.) and staple	USPAT; US-PGPUB	2004/05/20 10:41
-	3	((442/338).CCLS.) and staple and eccentric	USPAT; US-PGPUB	2004/05/20 10:41
-	54	(442/338).CCLS.	USPAT; US-PGPUB	2004/05/20 10:42
-	22	((442/338).CCLS.) and (absorb\$5 or hydrophilic)	USPAT; US-PGPUB	2004/05/20 10:45
-	14	((442/338).CCLS.) and (absorb\$5 or hydrophilic) and (PET or (terephthalate))	USPAT; US-PGPUB	2004/05/20 10:45